# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 0 | "A magnetic disk device removable from an apparatus body, the magnetic disk device comprising: a case including an upper case portion, a lower case portion, and a connector portion; at least one first elastic supporting member connected with the lower case portion; a locking member connected with the lower case portion; at least one second elastic supporting member connected with the upper case portion; a driving unit including a magnetic disk and a rotary driver operable to rotationally drive a magnetic disk, wherein the driving unit is installed in the case; and a connector for connecting the driving unit and the apparatus body, the connector located in the connector portion; wherein the first and second elastic supporting members are operable to elastically support the driving unit, force applied to the external of the case is operable to move the locking member to a locked position and an unlocked position, the driving unit is locked in the case when the locking member is in the locked position and unlocked in the case when the locking member is in the unlocked position, and the connector is operable to connect to the apparatus body when the locking member is in the locked position".clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 12:03 |
| L2 | 1176 | (360/97.01).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 12:17 |
| L3 | 3490 | (361/684-686).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 12:18 |
| L4 | 7878 | ((360/137) or (360/98.01) or (360/78.01) or (369/75.11-82)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 12:19 |
| L5 | 0 | ("0003or4").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 12:19 |
| L6 | 11281 | 3 or 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 12:19 |
| L7 | 1397 | 6 and dis$1 and (case or housing or chassis) and connector | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 12:20 |
| L8 | 191 | 7 and elast$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 12:25 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S1 | 0 | wataru-abe.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 11:58 |
| S2 | 73 | abe-wataru.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 14:30 |
| S3 | 13368 | alpine.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 14:26 |
| S4 | 3126 | "alpine electronics".as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 14:26 |
| S5 | 10 | (("5612927") or ("5587854") or ("6252765") or ("5889649") or ("5155663")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/09 15:30 |
| S6 | 2 | ("6076869").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/09 15:30 |
| S7 | 0 | dis$1 and "driving unit" and "rotary driver" and (case or housing or chassis) and "elastic support" and "locking member" and connector.clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 10:23 |
| S8 | 0 | disk and (driving adj unit) and (rotary adj driver) and (case or housing or chassis) and (elastic adj support) and (locking adj member) and connector.clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 10:44 |
| S9 | 0 | (case or housing or chassis or base) and "elastic support member" and "locking member" and connector and (driving adj unit) and (rotary adj driver).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 10:46 |

| S10 | 0 | "A magnetic disk device removable from an apparatus body, the magnetic disk device comprising: a case including an elastic supporting member and a locking member; a driving unit including a magnetic disk and a rotary driver operable to rotationally drive a magnetic disk, wherein the driving unit is installed in the case; and a connector for connecting the driving unit and the apparatus body; wherein the elastic supporting member is operable to elastically support the driving unit, force applied to the external of the case is operable to move the locking member to a locked position and an unlocked position, and the driving unit is locked when the locking member is in the locked position and unlocked when the locking member is the unlocked position".clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 10:54 |
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| S11 | 0 | "An apparatus for mounting a magnetic disk device, comprising: a case including a locking member, the locking member operable to move to a locked position and an unlocked position, a body connector, the body connector operable to connect with a connector of a magnetic disk device; a first engager, the first engager operable to move into a groove in aside surface of the case and engage a switching protrusion on the locking member in order to move the locking member to a locked position, and a second engager, the second engager operable to engage the switching protrusion on the locking member to move the locking member to an unlocked position".clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 10:57 |
| S12 | 0 | "An apparatus comprising: a body for removably mounting a magnetic disk device; the magnetic disk device comprising a case, a driving unit, and a connector; the driving unit including a magnetic disk and a rotary driver operable to rotationally drive the magnetic disk, and being installed in the case; the onnector operable to connect the driving unit to the body; the case including an elastically supporting member operable to elastically support the driving unit, and a locking member, the locking ember operable to move to a locked position and an unlocked position; and the body comprising a body connector operable to connect with the connector of the magnetic disk device, and a switching unit operable to move the locking member to the lock position".clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 10:57 |